

1/2 MEMORY BOARD

Theory of operation to be supplied later.

ELECTRONIC ACORN Parts List
Nov., 1977

<u>PART NUMBER</u>	<u>QTY</u>	<u>PART DESCRIPTION</u>
61111-001	2	Side Panel
61112-002	1	Front Panel
61114-001	1	Top Cover
61115-001	1	Bottom Cover
00047-001	4	Rubber Feet
00048-002	12	Nut, 6-32
00153-002	8	BHMS, 6-32 x 1/4
00063-001	8	FHMS, 6-32 x 3/8
00153-004	4	BHMS, 6-32 x 3/8
00076-002	12	Lock Washer #6
	1	MPU Assembly
	1	Front Panel Board Assembly
	1	Memory Card Assembly
	1	Cable Assembly
	1	Motherboard Assembly
	1	Rear Panel Assembly

MOTHERBOARD ASSEMBLY Parts List
Nov., 1977

<u>PART NUMBER</u>	<u>QTY</u>	<u>PART DESCRIPTION</u>
61102-001	1	Printed Wiring Board
00015-001	2	10 mf Capacitor, C4, C5
00012-001	2	2.2k Electrical Capacitor, C2, C3
00012-002	1	21k Electrical Capacitor, C1
00054-001	1	Bridge Rectifier VJ148, BR1
00054-002	1	Bridge Rectifier VS148, BR2
00025-001	1	1N4003, D1
00085-001	1	Resistor 220 ohm, R3
00085-002	2	Resistor 2.2k ohm, R1, R2
00085-003	1	Resistor 330 ohm, R4
00045-001	1	Regulator 7805
00027-001	1	Heat Sink
00048-002	2	Nut #6-32
00076-002	2	Lock Washer #6
00153-004	2	BHMS, 6-32 x 3/8

REAR PANEL ASSEMBLY Parts List
Nov., 1977

<u>PART NUMBER</u>	<u>QTY</u>	<u>PART DESCRIPTION</u>
61113-001	1	Rear Panel
61120-001	1	Transformer
00109-001	1	Power Cord
00032-001	1	Fuse Holder
00171-001	1	Fuse, 1.5 amp
00098-001	1	Terminal Strip
00035-001	1	Strain Relief
00069-001	1	Power Switch
00048-002	1	Nut 6-32
00076-002	1	Lock Washer #6
00153-002	1	BHMS, 6-32 x 1/4
00078-003	4	Lock Washer #8
00048-003	4	Nut 8-32
00153-003	4	BHMS, 8-32 x 3/8

BYT-MPU Parts List
Nov., 1977

<u>PART NUMBER</u>	<u>QTY</u>	<u>PART DESCRIPTION</u>
00011-001	24	Capacitor, ceramic, .1 ufd, 50 v, C1-C23, C32
00013-001	1	Capacitor, mica, 10 pfd, 50 v, C26
00015-002	8	Capacitor, tantalum, 33 ufd, 20 v, C24, C25, C27-C31, C33
00025-002	1	Diode, silicon, 1N914, D1
00027-001	2	Heat Sink, 1.2" x 1"
00033-001	2	Linear IC, +5 v regulator, 7805C, Q2, Q3
00033-002	1	Linear IC, +12 v regulator, 78L12, Q1
00033-003	1	Linear IC, -5 v regulator, 79L05, Q4
00045-002	2	Digital IC, 74LS02N, A01, B02
00045-003	6	Digital IC, 74LS367N, B06, B07, C04, C06, C07, C09
00045-004	2	" 74LS00N, B01, B08
00045-005	3	74LS04N, A02, A06, A07
00045-006	1	74LS30N, B04
00045-007	1	74LS74N, A03
00045-008	1	8080A, B05
00045-009	2	8212D, B09, C03
00045-010	1	8224D, A05
00045-030	3	74367N, A04, B03, C05
00048-002	2	Hex Nut, 6-32
00076-002	2	Internal Lock Washer #6
00085-004	1	Resistor, 1k ohm, 1/4 w, 5%, R1
00153-004	2	BHMS, 6-32 x 3/8
00167-001	1	Crystal, 18.000 MHz, Y1
00172-001	3	Resistor Pack, 1k ohm, A00, C01, C08
00172-002	1	Resistor Pack; 4.7k ohm, A08
00184-002	2	Connector, socket, 16-pin, A05, J1
00184-004	1	Connector, socket, 24-pin, B09
00184-005	1	Connector, socket, 40-pin, B05
10001-001	1	PCB MPU, 1000-1001 Rev. A
00045-	1	Digital IC, 8214, C02

BYT-8 FRONT PANEL BOARD

Parts List

<u>PART NUMBER</u>	<u>QTY</u>	<u>PART DESCRIPTION</u>
00011-005	14	.1 ufd, 15 v, ceramic capacitor, C3, C4, C7-C18
00011-002	2	.001 ufd, 25 v, ceramic capacitor, C5 & C6
00015-007	2	33 ufd, 25 v, dipped tantalum capacitor, C1 & C2
00025-002	1	Diode, silicon, 1N914, CR1
00027-001	1	Heat sink, 1.2" x 1", Q1
00033-001	1	+5 v regulator, 7805C, Q1
00045-002	4	IC, 74LS02N, B14, C10, C13, D3
00045-003	11	74LS367N, A15, A16, B8, B16, C12, C16, D10-D14
00045-004	6	74LS00N, B6, B9, C1, C2, C3, D4
00045-005	3	74LS04N, B7, B10, C9
00045-006	3	74LS30N, C11, D1, D15
00045-009	1	8212D, C15
00045-019	2	7405N, B17 & C17
00045-017	1	74LS08N, C8
00045-016	2	7410N, D8 & D9
00045-020	4	7486N, B11-B13, B15
00045-021	1	7420N, C6
00045-014	3	74LS107N, C4, C7 & D2
00045-015	1	74LS123N, C5
00048-001	1	Hex nut, 4-40
00069-003	16	Toggle switch, ON-ON, S0-S15
00069-004	6	Toggle switch, (ON)-OFF-(ON), S17-S22, (MOMENTARY)
00069-005	1	Toggle switch, ON-OFF-ON, S16
00076-001	1	Internal lock washer, #4
00085-001	17	Resistor, 220 ohm, 1/4 w, 5%, R34-R49, R29 (red, red, brwn)
00085-004	31	Resistor, 1K ohm, 1/4 w, 5%, R1-R28, R31, R32, R50 (brwn, blk, :
00085-010	1	Resistor, 270K ohm, 1/4 w, 5%, R51 (red, vlt, yel)
00085-009	1	Resistor, 47K ohm, 1/4 w, 5%, R33 (yel, vlt, org)
00085-011	1	Resistor, 100K ohm, 1/4 w, 5%, R30 (brwn, blk, yel)
00145-001	17	LED, LEDØ-LED16
00153-001	1	BHMS, 4-40 x 3/8
00184-002	1	Connector socket, 16 pin, J1
00184-004	1	Connector socket, 24 pin, C15
10001-011	1	PCB, C1000-1011 Assembly, Rev. 8
61112-002	1	Front panel
	1	Cable Assembly